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-	4983	(fine-grain\$2 or "fine grain\$2").ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 18:31
-	1209693	view.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 16:52
-	44	((fine-grain\$2 or "fine grain\$2").ab.) and view.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 18:03
-	103969	search\$3.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 16:53
-	0	((((fine-grain\$2 or "fine grain\$2").ab.) and view.ab.) and @ad<20000818) and search\$3.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 16:54
-	0	((((fine-grain\$2 or "fine grain\$2").ab.) and view.ab.) and @ad<20000818) and search	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 16:54
-	6	search\$3.ab. and ((fine-grain\$2 or "fine grain\$2").ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 16:56
-	30	((((fine-grain\$2 or "fine grain\$2").ab.) and view.ab.) and @ad<20000818	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 18:15
-	0	((fine-grain\$2 or "fine grain\$2").ab.) and (extract with document)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 18:05
-	160	((fine-grain\$2 or "fine grain\$2").ab.) and extract\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 18:05
-	7	((((fine-grain\$2 or "fine grain\$2").ab.) and extract\$3) and search	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/04 18:05
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-	37	((fine-grain\$2 or "fine grain\$2") and ((fine-grain\$2 or "fine grain\$2").ab.)) and search\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:22
-	2	((((fine-grain\$2 or "fine grain\$2") and ((fine-grain\$2 or "fine grain\$2").ab.)) and search\$3) and ((subset or part) with document))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:13
-	20	((((fine-grain\$2 or "fine grain\$2") and ((fine-grain\$2 or "fine grain\$2").ab.)) and search\$3) and view	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:21
-	14	(((((fine-grain\$2 or "fine grain\$2") and ((fine-grain\$2 or "fine grain\$2").ab.)) and search\$3) and view) and @ad<20000818	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:33
-	17	((((fine-grain\$2 or "fine grain\$2") and ((fine-grain\$2 or "fine grain\$2").ab.)) and search\$3) not (((fine-grain\$2 or "fine grain\$2") and ((fine-grain\$2 or "fine grain\$2").ab.)) and search\$3) and view)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:22
-	515	(fine-grain\$2 or "fine grain\$2") with object	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:32
-	79	((fine-grain\$2 or "fine grain\$2") with object) and search\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:52
-	68	((((fine-grain\$2 or "fine grain\$2") with object) and search\$3) and view	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:32
-	43	(((((fine-grain\$2 or "fine grain\$2") with object) and search\$3) and view) and (access\$3 with document\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:33
-	28	(((((fine-grain\$2 or "fine grain\$2") with object) and search\$3) and view) and (access\$3 with document\$1)) and @ad<20000818	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:34
-	15	(((((fine-grain\$2 or "fine grain\$2") with object) and search\$3) and view) and (access\$3 with document\$1)) not (((((fine-grain\$2 or "fine grain\$2") with object) and search\$3) and view) and (access\$3 with document\$1)) and @ad<20000818)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:34
-	46	((fine-grain\$2 or "fine grain\$2") with object) and (search\$3 with object)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:52
-	44	((((fine-grain\$2 or "fine grain\$2") with object) and (search\$3 with object)) and view	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/04 18:53

-	111	(view with filter\$3) and (extract\$3 with (web\$page or document))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:32
-	5	((view with filter\$3) and (extract\$3 with (web\$page or document))) and (extract with portion with (web\$page or document))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:32
-	9968	view with (database or repositor\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 15:27
-	433	(view with (database or repositor\$3)) and (extract\$3 with (subset\$1 or portion\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 15:32
-	38	((view with (database or repositor\$3)) and (extract\$3 with (subset\$1 or portion\$1))) and ((subset\$1 or sub\$part\$1) with (document or web\$page))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 15:35
-	298	Ginter.inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 15:36
-	17	((view with (database or repositor\$3)) and (extract\$3 with (subset\$1 or portion\$1))) and ((subset\$1 or sub\$part\$1) with (document or web\$page)) not Ginter.inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 18:34
-	2919	fine\$1 with granularity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 18:35
-	138	(fine\$1 with granularity) and (view with (database or repositor\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 18:36
-	7	(fine\$1 with granularity) and ((view with (database or repositor\$3)) and (extract\$3 with (subset\$1 or portion\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 18:50
-	3	((view with (database or repositor\$3)) and (extract\$3 with (subset\$1 or portion\$1))) and "view repository"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 18:52
-	86	"view repository"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 19:26
-	4	@ad < "20000818" and (((internet or web) adj server) same cach\$5) and ("web crawler" same index\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/02 19:42



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Lisa Getoor, Nir Friedman, Daphne Koller, Benjamin Taskar

March 2003 **The Journal of Machine Learning Research**, Volume 3

Full text available: pdf(479.67 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Most real-world data is heterogeneous and richly interconnected. Examples include the Web, hypertext, bibliometric data and social networks. In contrast, most statistical learning methods work with "flat" data representations, forcing us to convert our data into a form that loses much of the link structure. The recently introduced framework of *probabilistic relational models* (PRMs) embraces the object-relational nature of structured data by capturing probabilistic interactions between att ...

2 [Performance and cost tradeoffs in Web search](#)

Nick Craswell, Francis Crimmins, David Hawking, Alistair Moffat

January 2004 **Proceedings of the fifteenth conference on Australasian database - Volume 27**

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Web search engines crawl the web to fetch the data that they index. In this paper we re-examine that need, and evaluate the network costs associated with data acquisition, and alternative ways in which a search service might be supported. As a concrete example, we make use of the Research Finder search service provided at <http://rf.panopticsearch.com>, and information derived from its crawl and query logs. Based upon an analysis of the Research Finder system we introduce a hybrid arrangement, in ...

Keywords: Web crawling, World-Wide Web, information retrieval, metasearch, search engine

3 [Search 2: Evaluating strategies for similarity search on the web](#)

Taher H. Haveliwalla, Aristides Gionis, Dan Klein, Piotr Indyk

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

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Schmid, C.; Zisserman, A.;

Computer Vision and Pattern Recognition, 1997. Proceedings., 1997 IEEE Computer Society Conference on , 17-19 June 1997

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2 Case study: Visual debugging of finite element codes

Crossno, P.; Rogers, D.H.; Garasi, C.J.;

Visualization, 2002. VIS 2002. IEEE , 27 Oct.-1 Nov. 2002

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3 A design of a 3-D vision system based on geometric knowledge

Dohi, H.; Ishizuka, M.;

Industrial Applications of Machine Intelligence and Vision, 1989., International Workshop on , 10-12 April 1989

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Fensel, D.;

Computer , Volume: 35 , Issue: 11 , Nov. 2002

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2 **Scientific data integration: wrapping textual documents with a database view mechanism and an XML engine**

Lacroix, Z.;

Bio-Informatics and Biomedical Engineering, 2000. Proceedings. IEEE International Symposium on , 8-10 Nov. 2000

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3 **From information to knowledge: introducing WebStract's knowledge engineering approach**

Babowal, D.; Joerg, W.;

Electrical and Computer Engineering, 1999 IEEE Canadian Conference on , Volum 3 , 9-12 May 1999

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4 **Emerging Topic Tracking System**

Khoo Khyou Bun; Ishizuka, M.;

Advanced Issues of E-Commerce and Web-Based Information Systems, WECWIS 2001, Third International Workshop on. , 21-22 June 2001

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5 Biological data integration: wrapping data and tools

Lacroix, Z.;

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Internet Computing, IEEE , Volume: 3 , Issue: 6 , Nov.-Dec. 1999

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7 SQL Test Suite goes online

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Computer , Volume: 29 , Issue: 5 , May 1996

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9 An automated management tool for unstructured data

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10 Text mining in 'Request for Comments Document Series'

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12 Building portals for E-biology*Lacroix, Z.;*

Database and Expert Systems Applications, 2001. Proceedings. 12th International Workshop on , 3-7 Sept. 2001

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Computer Human Interaction, 1998. Proceedings. 3rd Asia Pacific , 15-17 July 1998

Pages:380 - 385

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